MM-E320
MM-E330

Micro Component Audio System
CD/MP3-CD/WMA-CD/CD-R/RW Playback
user manual

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SAMSUNG

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Safety Warnings

TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE THE COVER(OR BACK). NO USER-SERVICEABLE PARTS ARE INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
This symbol indicates “dangerous voltage” inside the product that presents a risk of electric shock or personal injury.	**CAUTION** : TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.	This symbol indicates important instructions accompanying the product.

WARNING

- To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

CAUTION

- Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.
- The Mains plug is used as a disconnect device and shall stay readily operable at any time.
- This apparatus shall always be connected to a AC outlet with a protective grounding connection.
- To disconnect the apparatus from the mains, the plug must be pulled out from the mains socket, therefore the mains plug shall be readily operable.

CLASS 1 LASER PRODUCT
KLASSE 1 LASER PRODUKT
LUOKAN 1 LASER LAITE
KLASS 1 LASER APPARAT
PRODUCTO LÁSER CLASE 1

CLASS 1 LASER PRODUCT

This product is classified as a CLASS 1 LASER product. Use of controls, adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

CAUTION

- INVISIBLE LASER RADIATION WHEN OPEN AND INTERLOCKS DEFEATED, AVOID EXPOSURE TO BEAM.

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Precautions

- Ensure that the AC power supply in your house complies with the identification sticker located on the back of your product.
- Install your product horizontally, on a suitable base (furniture), with enough space around it for ventilation (7.5~10cm).
- Do not place the product on amplifiers or other equipment which may become hot. Make sure the ventilation slots are not covered.
- Do not stack anything on top of the product.
- Before moving the product, ensure the Disc Insert Hole is empty.
- In order to disconnect the product completely from the power supply, remove the AC plug from the wall outlet, especially when left unused for a long period of time.
- During thunderstorms, disconnect the AC plug from the wall outlet. Voltage peaks due to lightning could damage the product.
- Do not expose the product to direct sunlight or other heat sources. This could lead to overheating and malfunction of the product.
- Protect the product from moisture, and excess heat or equipment creating strong magnetic or electric fields (i.e. speakers.).
- Disconnect the power cable from the AC supply if the product malfunctions. Your product is not intended for industrial use.
- Use of this product is for personal use only.
- Condensation may occur if your product or disc has been stored in cold temperatures. If transporting the product during the winter, wait approximately 2 hours until the product has reached room temperature before using.
- The batteries used with this product contain chemicals that are harmful to the environment. Do not dispose of batteries in the general household trash.
- Maintain an open space of approximately 6 inches (15 cm) on the sides and rear of the system, for ventilation purposes.
- Place the speakers at a reasonable distance on either side of the system to ensure good stereo sound.
- Direct the speakers towards the listening area.

Cautions on Handling and Storing Discs

Small scratches on the disc may reduce sound and picture quality or cause skipping.

Be especially careful not to scratch discs when handling them.

Holding discs

- Do not touch the playback side of the disc.
- Hold the disc by the edges so that fingerprints will not get on the surface.
- Do not stick paper or tape on the disc.

Disc Storage

- Do not keep in direct sunlight.
- Keep in a cool ventilated area.
- Keep in a clean Protection jacket.
  Store vertically.
- Do not allow the discs to become contaminated with dirt.
- Do not load cracked or scratched discs.

Handling and Storing Discs

If you get fingerprints or dirt on the disc, clean it with a mild detergent diluted in water and wipe with a soft cloth.

- When cleaning, wipe gently from the inside to the outside of the disc.
- Condensation may form if warm air comes into contact with cold parts inside the product. When condensation forms inside the product, it may not operate correctly. If this occurs, remove the disc and let the product stand for 1 or 2 hours with the power on.

Disc Types And Disc Format

This product does not support Secure (DRM) Media files.

CD-R Discs

- Some CD-R discs may not be playable depending on the disc recording device (CD-Recorder or PC) and the condition of the disc.
- Use a 650MB/74 minute CD-R disc.
  Do not use CD-R discs over 700MB/80 minutes as they may not be played back.
- Some CD-RW (Rewritable) media, may not be playable.
- Only CD-Rs that are properly "closed" can be fully played. If the session is closed but the disc is left open, you may not be able to fully play the disc.

CD-R MP3 Discs

- Only CD-R discs with MP3 files in ISO 9660 or Joliet format can be played.
- MP3 file names should contain no blank spaces or special characters (. / = +).
- Use discs recorded with a compression/decompression data rate greater than 128Kbps.
- Only files with the ".mp3" and ".MP3" extensions can be played.
- Only a consecutively written multisession disc can be played. If there is a blank segment in the Multisession disc, the disc can be played only up to the blank segment.
- If the disc is not closed, it will take longer to begin playback and not all of the recorded files may be played.
- For files encoded in Variable Bit Rate (VBR) format, i.e. files encoded in both low bit rate and high bit rate (e.g., 32Kbps ~ 320Kbps), the sound may skip during playback.
- A maximum of 999 tracks can be played per CD.

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Thank you for buying this SAMSUNG micro-compact system.
Please take time to read these instructions. They will allow you to operate your system with ease and take full advantage of its features.

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Accessories

Check for the supplied accessories below.

FM Antenna

User's Manual

Remote Control/Batteries(AAA)(optional)

Symbols

Important

Note

- Figures and illustrations in this User Manual are provided for reference only and may differ from actual product appearance.
- An administration fee may be charged if either
  a.An engineer is called out at your request and there is no defect in the product (i.e. where you have failed to read this user manual)
  b.You bring the unit to a repair centre and there is no defect in the product (i.e. where you have failed to read this user manual).
- The amount of such administration charge will be advised to you before any work or home visit is carried out.

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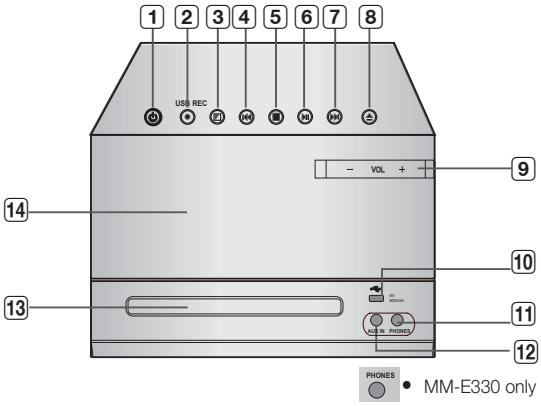
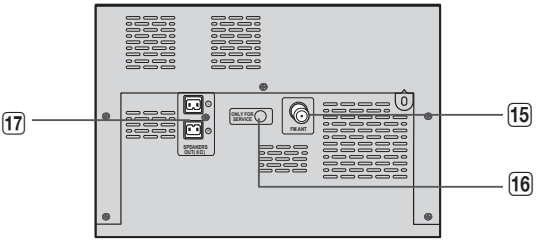
Description

Front/Top Panel



• MM-E330 only

Rear Panel



1 POWER BUTTON

2 USB REC BUTTON

3 FUNCTION BUTTON

4 SEARCH/SKIP FUNCTION BUTTON

5 TUNING MODE OR STOP BUTTON

6 PLAY/PAUSE BUTTON

7 SEARCH/SKIP FUNCTION BUTTON

8 CD OPEN/CLOSE BUTTON

9 VOLUME CONTROL BUTTON

(Volume adjustment)

10 USB JACK

11 * HEADPHONE JACK(Only for MM-E330)

- If you plug the headset connector into the headset jack of the main unit, no sound will output further from the speakers.

12 AUX IN JACK

1. Use the Audio Cable (not supplied) to connect AUX IN on the player to Audio Out on the external analog component.
2. Press F( ) to switch the input mode to AUX.

- If no button actions for more than 8 hours in AUX mode, the power will automatically turn off.

13 COMPACT DISC TRAY

14 WINDOW DISPLAY

15 FM Aerial Connector Terminal

1. Connect the FM antenna to the FM port on the rear panel.
2. Extend the antenna as appropriate and find out the best possible reception position. Then, fasten the antenna on a near wall.

➢ If reception is poor, you may need to install an outdoor aerial.

To do so, connect an outdoor FM aerial to the FM socket on the rear of the system using a coaxial cable (not supplied).

16 ONLY FOR SERVICE

- This jack is just for testing ,please don't use it.

17 Speaker Connector Terminals

To protect the speakers from a risk of overvoltage, be sure to turn off the product before connecting the speakers. For a proper listening experience, connect the speaker cables to the speaker terminals on the rear panel.

- Left speaker (White)
- Right speaker (Red)

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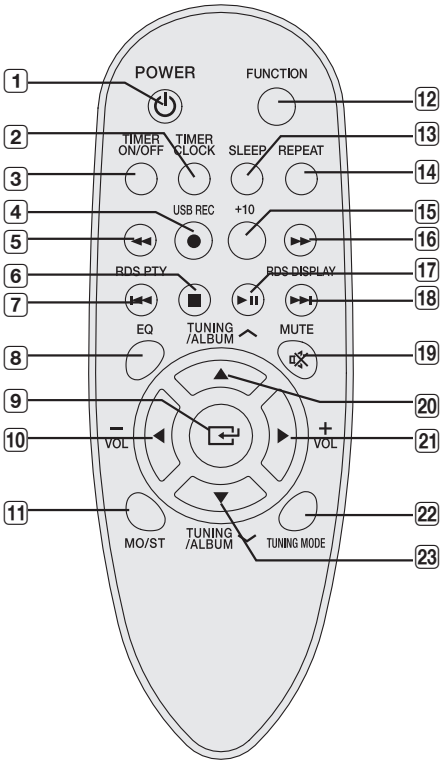
Remote Control



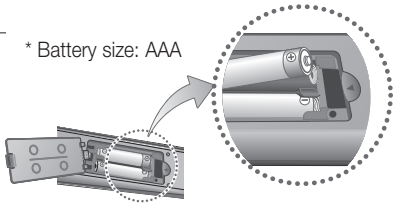
1. **POWER**
   Turn the product on and off.
2. **TIMER/CLOCK**
3. **TIMER ON/OFF**
4. **USB REC**
5. **Search backwards**
6. **STOP**
7. **Skip and Search/ RDS PTY***
8. **EQ**
9. **ENTER**
10. **VOLUME -**
11. **MO/ST**
12. **FUNCTION**
13. **SLEEP**
    Set a Sleep time to shut off the product.
14. **REPEAT**
15. **+10**
16. **Search-forwards**
17. **PLAY/PAUSE**
18. **Skip and Search/ RDS DISPLAY***
19. **MUTE**
    Turn off the sound temporarily.
20. **TUNING/ALBUM ^**
21. **VOLUME +**
22. **TUNING MODE**
23. **TUNING/ALBUM v**

* This product may not have the RDS function depending on your region.

Installing batteries in the Remote Control

- Place batteries in the remote control so they match the polarity : (+) to (+) and (–) to (–).
- Always replace both batteries at the same time.
- Do not expose the batteries to heat or a flame.
- The remote control can be used up to approximately 23 feet (7 meters) in a straight line.

* Battery size: AAA



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CD/MP3/WMA-CD Playback

You can play 12 cm compact disc without an adapter.

This product is designed to play an audio CD, CD,CD-R,CD-RW,MP3/WMA-CD.

- Gently open or close the CD tray and do not apply excessive force.
- Do not put force or place a heavy object on the product.
- Do not insert an out-of-spec. shape of CD such as a heart or octangle shaped CD. Otherwise, the product may be damaged.
- Care must be taken about maintenance of the compact discs.

1. Press **OPEN/CLOSE** button to open the disc tray.
2. Place a disc gently into the tray with the disc label faces upward.
3. Press **OPEN/CLOSE** button to close the disc tray,the disc will be played automatically.
   - For MP3/WMA-CD audio, it may take several minutes to complete scanning the disc tracks.
   - If you play a file with an English name or a MP3/WMA-CD medium in an English title, the song title will be shown in the display.(Other languages besides English may not be indicated.)
   - An English-titled track containing a special character will not show the title in the display.

<CD/MP3/WMA-CD PlaybackDisplay>

4. Adjust the volume according to needs with the following procedures.Press the VOLUME button of the main unit or Press the VOLUME+or –button of the remote control. The volume level can be adjust in 31 steps (VOL MIN,VOL 1- VOL 29,andVOL MAX).
5. To pause playback temporarily, press the **PLAY/PAUSE** (⏯) button
   - Press **PLAY/PAUSE** (⏯) again to resume playing.
6. To end playing, press **STOP** (■).

➢
- If there is not one CD inserted in the disc tray, it is indicated as “NO DISC”.
- The quality of MP3/WMA-CD playback may vary depending on the condition of the disc containing the music files or the condition of the recorder with which the disc was created.
- If different types of files or unnecessary folders are on the same disc, you will have problems with playback.
- Keep the tray closed whenever you are not using it, to prevent dust from entering.
- You can load or unload compact disc when the radio, usb or auxiliary source function is selected, and when you press the Open/Close button, all of the other functions will be changed to MP3/CD mode.
- If no buttons are pressed on the product or remote control for more than 3 minutes when the product is in Pause mode, it will be changed to stop mode.
- If no buttons are pressed on the product or remote control for more than 25 minutes when the product is in no Disc or Stop mode, the power will automatically turn off.

Selecting a Track

You can select a desired track while the disc is being played.

To play the previous track

-Press the ⏮ button within 3 seconds after the current track started playing.

- Press the ⏮ button twice at least 3 seconds after the current track started playing.

To play the next track

- Press the ⏭ button.

To play the current track

- Press the ⏮ button 3 seconds later after the current track started playing.

To play the track of your choice

- Use ⏮ or ⏭ to move to a desired track.

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Repeating One or All Tracks on the Compact Discs

You can repeat playing CD indefinitely.
- CD containing a specific track.
- Whole tracks of a selected CD.

1. Press **REPEAT** button.
   Each time you press the **REPEAT** button, the repeat mode will change as following:

   MP3 : R OFF →R TRK → R DIR → R DISC→ R RAN.(MM-E320)

   MP3 : OFF→TRACK→ DIR→ ALL→ RANDOM .(MM-E330)

   CD : R OFF →R TRK → R ALL→ R RAN .(MM-E320)
   CD : OFF →TRACK → ALL→ RANDOM .(MM-E330)

   - Depending on your product,the repeat mode display maybe different.

2. When you wish to stop the Repeat function, press **REPEAT** until "**R OFF(OFF)**" is displayed.
   - **R OFF(OFF)** : Cancels Repeat Playback.
   - **R TRK(TRACK)** : Repeatedly plays the selected track.
   - **R DIR(DIR)** : Repeatedly plays all tracks in the selected folder.
   - **R DISC** : Repeatedly plays the entire disc
   - **R ALL(ALL)** : Repeatedly plays the all tracks in the disc.
   - **R RAN(RANDOM)** : Plays tracks in random order.

Searching for a Specific Music Passage on a CD

When listening to a compact disc, you can quickly search for a specific music passage on a track.

To search for	Press
- Forwards	▶▶ button
- Backwards	◀◀ button

➢ Press and hold the ⏮/⏭ button on the top panel to automatically scan for a track.

10 Skip Track

Press the +10 button while in playback mode.
This will skip the tracks as many as 10 from the current track.

CD Programming

(This function is not available during playback of an MP3/WMA-CD.)
- You can program the playback order of up to 24 tracks of your choice.
- However, you must stop playing the CD before selecting tracks.

1. While in CD playback mode, press **STOP**(■) to stop playing the CD.
2. Press the **ENTER** button to display the message below:
   P01 --
   (01= program number, --= track number)
3. Use ⏮ or ⏭ to move to a desired track.
   - Press ⏮ to move to the previous track.
   - Press ⏭ to move to the next track.
4. Press the **ENTER** button to confirm your selection,the selection is stored and P02 -- displayed.
5. To select a different track, following the steps 3 to 4 above.
6. Press **PLAY** (⏯) to play the programmed tracks.
7. Press **STOP** (■) to stop playing the programmed tracks, Press **STOP** (■) again to cancel playing the programmed tracks.
   - If you open the disc tray or turn off the product, your programming will be canceled.

Check and Edit the Programmed Tracks

You can check a list of programmed tracks and edit them as you want.

1. If a programmed track is being played, press **STOP** (■) once.
2. Press **ENTER** twice to display the message below:
   C01 01
   (C=Check, 01= program number)

➢ If a total of 24 tracks are already programmed, "C" will be displayed rather than "P" in the display.

3. Repeat pressing **ENTER** until the desired track is displayed.
4. Press ⏮ or ⏭ to select a different track.
5. Press **ENTER** to confirm your selection.
6. To play the programmed tracks, press **PLAY** (⏯).

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Playing USB

Connect an external storage device such as USB flash memory or external HDD (Hard Disk Drive) to the product.

You can play files in MP3/WMA format.

Before you begin!

- Connect the external USB storage device to your product.
- Press **F**(⏏) to select the USB mode.
- The first track of the first directory plays automatically.

➢ Press **STOP** (■) to stop playing.

➢ Remove the USB storage

Press **STOP** (■) again to remove the USB storage safely.

Do not connect a USB recharger to the USB port of this product. Otherwise, the product may be damaged.

Selecting a Track from USB Device

You can select an MP3 file during the play.

➢ If you want to move the next/previous(track), press the ⏮,⏭ buttons shortly.

- It moves the next/previous file within the directory.
- If you press the ⏮,⏭ buttons more times than the number of the files in the directory, it will move over to the next directory.

Searching a Folder Quickly

1. Press the **TUNING/ALBUM** ∧ or ∨ button on the remote control to move to the previous/next folder.
2. When the searching is done, you will see the next/previous folder name. The track will start playing.

To Use High Speed Search

You can search the desired section quickly during the play.

➢ Press the ◀◀ , ▶▶ button.

- Each time you press the button, you will move forward/backward fast.

The sound will not output in fast playback mode.

To repeat

1. Press the **REPEAT** button.
   Each time you press the **REPEAT** button, the repeat mode will change as following:

   R OFF → R TRK → R DIR → R ALL → R RAN (MM-E320)
   OFF → TRACK → DIR → ALL → RANDOM (MM-E330)
2. When you wish to stop the Repeat function, press the **REPEAT** button until **R OFF(OFF)** is displayed.
   - **R OFF(OFF)**: Cancels Repeat Playback.
   - **R TRK(TRACK)**: Repeatedly plays the selected track.
   - **R DIR(DIR)**: Repeatedly plays all tracks in the selected folder.
   - **R ALL(ALL)**: Repeatedly plays all tracks.
   - **R RAN(RANDOM)**: Plays tracks in random order.

10 Skip Track

Refer to the **10 Skip Track** section. (Page 8)

Read through the instructions below before using the USB storage.

- Some external USB storage device may not be compatible with this product.
- With external HDD, FAT format can be played.
- With USB 2.0 HDD, connect to a separate power source.
  If it's not connected to a separate power source, it may not work.
- If memory of an external USB storage device is segmented into several parts, MP3 files of only the first hard disk drive can be played.
- DRM applied files are not played.
  Digital Rights Management: Technology and service that protect the profit and rights of copyright owners by disallowing unauthorized use of digital contents.
- Even if the file name ends with .mp3, the file does not play if actual file format is MPEG layer 1 or 2.
- Do not use a USB hub as it will not be recognized.
- Up to 15 letters of MP3/WMA file name will be shown.
- Removable HDDs equipped with less than 160 Gbytes are supported. Removable HDDs equipped with 160Gbytes or more may not be recognized, depending on the device.
- When selecting USB function,file reading (READ-IN) may take several minutes.
- When playing a USB device,there may be a delay then advancing to the next track,especially with HDD.The operation time of external USB storage devices will vary;even when they are of the same capacity.
- If the external USB storage device supports only USB VER1.1 and the access speed is slow,the file may not property.
- The product will automatically turn off from no USB and Stop mode for more than 25 minutes.

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Listening to Radio

You can store up to:15 FM stations.

1. Press **FUNCTION** to select FM mode.
2.

To search for a station		Press TUNING MODE button
Preset	···	Once or more times until "**FM XX**" is displayed. You can search the stored frequencies in the Preset mode.
Manually	···	Once or more times until "**MANUAL**" is displayed. You can search the frequencies one by one in the manual mode.

3. Select the station in any of the following ways:

   Press the **TUNING/ALBUM** ∧ or ∨ button on the remote control.

   To fast scan for a frequency manually, press and hold the **TUNING/ALBUM** ∧ or ∨button.

4. Press **MO/ST** to switch between stereo and mono.
   - In a poor reception area, select **MONO** for a clear, interference-free broadcast.
   - This applies only when listening to an FM station.
5. If you don't want the preset, move back to step 3 and select a different preset.
   Otherwise,
   a. Press **ENTER**.
   b. Or, press the ⏮,⏭ button on the top panel or **TUNING/ALBUM** ∧ or ∨ button on the remote control to select a program number.
   c. Press **ENTER** to save the preset.
6. To save other radio frequency, repeat steps 2 through 5 above.

➢In Tuner Mode

- To scan for radio frequencies in manual mode, use the ⏮,⏭ buttons on the top panel.
- To stop scanning, press STOP (■).
- To scan for a preset in preset tuning mode, use the ⏮,⏭ buttons.

Selecting a Stored Station

You can listen to a stored radio station as follows:

1. Press **FUNCTION** to select FM mode.
2. Press the **TUNING MODE** button on the remote control until "**FM XX**" is displayed.
3. Press ⏮,⏭ button on the top panel or **TUNING/ALBUM** ∧ , ∨ on the remote control to select a desired preset number.

Setting the Clock

For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.

1. Switch the system on by pressing the **POWER** button.
2. Press **TIMER/CLOCK** button and then press the **ENTER** button,**"CLOCK"** is displayed.
3. Press **ENTER,**the hour flashes.
   - Increase the hours:∧.
   - Decrease the hours:∨.
4. When the correct hour is displayed, press ENTER, the minutes flashes.
   - Increase the minutes:∧,
   - Decrease the minutes:∨.
5. When the correct minute is displayed, press ENTER,⏎ "TIME" appears in the display.

➢
- The current time is set now.
- You can display the time, even when you are using another function, by pressing the TIMER/CLOCK button once.
- You can also use ⏮ or ⏭ on the top panel instead of **TUNING/ALBUM** ∧or ∨ buttons in step 3,4.

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Record Function

You can record the audio of a CD/Radio or external music player to a USB storage device.

1. Connect the USB device to the USB port (⇽) of the main unit.
2. Play CD/Radio to record, or connect the external device to the main unit.

   - CD

   - Press **F**(F) on the top panel to select MP3/ CD.
   - Press **OPEN/CLOSE** button to open the disc tray.
   - Insert a CD and press **OPEN/CLOSE** button to close the disc tray.
   - Press ⏮ or ⏭ to play a desired music.

   - FM Tuner

   - Use the **F**(F) button to select FM mode.
   - Select a radio frequency to record.

   - External Device

   - Connect the external device (MP3 player) to the product.
   - Press **F**(F) button to select AUX mode.
   - Play the music file in the external device.
3. Press the **USB REC** button to start recording.

   - CD

   - "**TRACK RECORDING**" is displayed and CD recording starts.
   - Press and hold the **USB REC** button to start recording the all tracks of Disc. "**FULL CD RECORDING**" is displayed.
   - If you record the MP3 , the file is copied into the USB device totally. **"STOP"→"COPY XX"→"COPY END"** is displayed. When the recording is done, "**STOP**" will be displayed.
   - If there is the same file name, "**STOP**"→"**FILE EXIST**" is displayed, and the function is canceled.

   - FM /External Source

   - **RECORDING** is displayed.
4. Press **STOP** (■) to stop playing. Then, a mp3 file will be created accordingly.
5. To remove the USB storage device safely, press **STOP** (■) again.

   - After the recording, a directory named "RECORDING"(CD), "CD COPY"(MP3 CD), "TUNER RECORDING" or "AUX RECORDING" will be created in your device.

➢
- Do not disconnect the USB or the AC Cord during the recording as this may cause file damage.
- If you disconnected USB device during the recording, the main unit will be power off and you may not delete the recorded file, In this case, please connect the USB device to the PC and backup the USB data on the PC first and then format the USB device.
- When the USB memory is not enough, it will be displayed "NOT ENOUGH MEMORY".
- The recording works if the USB device or the HDD is formatted in the FAT file system.(The NTFS file system is not supported.)
- When you use CD high speed search function, the CD recording can't work.
- Sometimes, the recording time may be longer with some USB devices.
- In the program mode, you can't use the CD recording function.
- When the CD recording, the EQ can not work and automatically change to OFF.
- When the CD recording, the REPEAT function can not work and automatically changes to OFF.
- You can not record the radio when searching or no available frequencies in the Tuner mode.
- Note that setting the input level too loud when recording music from an external device through the AUX and USB channel may introduce noise into the recording. In that case, lower the external device's volume level.
- No sound is heard during CD recording.

EQ Mode

The micro component system supports the predefined equalizer settings between high and low frequencies to be in harmonious with the current music genre.

Press **EQ** on the remote control.
Each time you press EQ,the EQ model will switch in the following order:

P BASS→OFF →FLAT→RANCHA → SAMBA → CUMBIA → HABANA→ BOOMBA→REGGAE → PARTY → POP → HIPHOP→ ROCK→JAZZ → CLASS → STA+EQ→ DYN+S→MP3+ → VIR+S .

➢
- The EQ button will be disabled during the recording, and the product switches to " **OFF**" automatically.
- Some regional EQs are special,such as India,Africa,and so on.Please refer to the display of actual product to operate.

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Timer Function

☛ The timer enables you to switch the system on or off at specific times automatically.

- ♦ Before setting the timer, check that the current time is correct.
- ♦ For each step, you have a few seconds to set the required options. If you exceed this time, you must start again.
- ♦ If you no longer want the system to be switched on or off automatically, you must cancel the timer by pressing **TIMER ON/OFF** button.

Example: You wish to wake up to music every morning.

1. Switch the system on by pressing the **POWER** button.
2. Press **TIMER/CLOCK** button thrice until ⏲ **TIME** is displayed.
3. Press the **ENTER (⏎)** button,
   ON is displayed for a few seconds,you can set the timer switch-on time.
4. Set the timer switch-on time.
   - **a** Press the **TUNING/ALBUM** ∧or ∨ buttons.
   - **b** Press the **ENTER (⏎)** button, the minutes flash.
   - **c** Press the **TUNING/ALBUM** ∧,or ∨ buttons.
   - **d** Press the **ENTER (⏎)** button.
     OFF is displayed for a few seconds, you can now set the timer switch-off time.
5. Set the timer switch-off time.
   - **a** Press the **TUNING/ALBUM** ∧,or ∨ buttons.
   - **b** Press the **ENTER (⏎)** button, the minutes flash.
   - **c** Press the **TUNING/ALBUM** ∧,or ∨ buttons.
   - **d** Press the **ENTER (⏎)** button,
     VOL XX is displayed, where **XX** corresponds to the volume already set.
6. Press **TUNING/ALBUM** ∧,or ∨ buttons to adjust the volume level and press the **ENTER (⏎)** button,the source to be selected is displayed.
7. Press the **TUNING/ALBUM** ∧,or ∨buttons to select the source to be played when the system switches on.
   - FM (radio) : a Press the **ENTER(⏎)**button.
     b Select a preset station by press the **TUNING/ALBUM** ∧,or ∨ button.

     CD/MP3 (compact disc) .....Load one compact disc.
     USB.....Connect the USB device.
8. Press the **ENTER** (⏎) button,CHK REC (Do you want to record?) is displayed.
9. Press the **ENTER** (⏎) button, REC N is displayed, you can press the **TUNING/ ALBUM** ∧,or ∨ buttons to select the REC Y or REC N, and then press ENTER button.
   1). If you select the REC N, it will cancel tuner timing recording even if you have already set the tuner timing recording.
   2). If you select the REC Y, you can set the tuner timing recording.
   a. Press the **ENTER (⏎)** button, **ON** is displayed for a few seconds, you can set the tuner timing recording switch-on time.
   b. Press the **ENTER (⏎)** button, **OFF** is displayed for a few seconds, you can set the tuner timing recording switch-off time.

➢
- The maximal tuner timing recording time is 5 hours.
- If the timer switch on and off times are identical, the word ERROR is displayed.
- If the switch-on or -off time is the same as the timing recording time, only the switch-on or -off time is effective, and the timing recording time is not applied.
- If the auto timer is turned on,the MP3/CD or USB function may require an additional step to be activated depending on the disc(or device).So it is better for you to select the tuner function instead.

Cancelling the Timer

After having set the timer, it will start automatically as shown by the TIMER indication on the display. If you no longer wish to use the timer, you can cancel it.

1. To cancel the timer, press **TIMER ON/OF**F once,⏲ is no longer displayed.
2. To resume the timer, press **TIMER ON/OFF** again. ⏲ is displayed again.

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Troubleshooting

Refer to the chart below when this unit does not function properly. If the problem you are experiencing is not listed below or if the instruction below does not help, turn off the unit, disconnect the power cord, and contact the nearest authorized dealer or Samsung Electronics Service Center.

Symptom	Check/Remedy
I cannot eject the disc.	• Is the power cord plugged securely into the outlet? • Turn off the power and then turn it back on.
Playback does not start immediately when the Play/Pause button is pressed.	• Are you using a deformed disc or a disc with scratches on the surface? • Wipe the disc clean.
Sound is not produced.	• No sound is heard during fast playback, slow playback. • Are the speakers connected properly? Is the speaker setup correctly customized? • Is the disc severely damaged?
The remote control does not work.	• Is the remote control being operated within its operation range of angle and distance? • Are the batteries drained?
• The product is not working. (Example: The power goes out or the top panel key doesn't work or a strange noise is heard.) **• The product is not working normally.**	• While "**NO DISC**" message appears on the display of the product, press and hold the **STOP** (■) button on the main unit for longer than 5 seconds with no disc (reset function). Using the **RESET** function will erase all stored settings. Do not use this unless necessary.
Can't receive radio broadcast.	• Is the antenna connected properly? • If the antenna's input signal is weak, install an external FM antenna in an area with good reception.

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Specifications

General	Weight	1.34 Kg(MM-E320)
	Weight	1.44 Kg(MM-E330)
	Dimensions	200 (W) x 142(H) x 207(D) mm
	Operating Temperature Range	+5°C~+35°C
	Operating Humidity Range	10 % to 75 %
FM Tuner	Signal/noise ratio	62 dB
	Usable sensitivity	10 dB
	Total harmonic distortion	0.4 %
Disc(1 Disc)	CD : 12 cm (COMPACT DISC)	Reading Speed : 4.8 ~ 5.6 m/sec.
		Maximum Play Time : 74 min.
Amplifier	Speaker output	10 W/CH (8 Ω) x2(MM-E320)
	Speaker output	35 W/CH (8 Ω) x2(MM-E330)
	Frequency range	20Hz~20KHz
	S/N Ratio	70dB
	Channel separation	60dB
	Input sensitivity	(AUX)900mV

*: Nominal specification

- Samsung Electronics Co., Ltd reserves the right to change the specifications without notice.
- Weight and dimensions are approximate.
- Design and specifications are subject to change without prior notice.
- For the power supply and Power Consumption, refer to the label attached to the product.

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Contact SAMSUNG WORLD WIDE

If you have any questions or comments relating to Samsung products, please contact the SAMSUNG customer care centre.

Area	Contact Centre ☎	Web Site
▪ North America		
Canada	1-800-SAMSUNG (726-7864)	www.samsung.com/ca(English) www.samsung.com/ca_fr (French)
U.S.A	1-800-SAMSUNG (726-7864)	www.samsung.com
▪ Latin America		
Mexico	01-800-SAMSUNG (726-7864)	www.samsung.com
Argentine	0800 333 3733	www.samsung.com.ar
Uruguay	000 405 437 33	www.samsung.com
Paraguay	009 800 542 0001	www.samsung.com.py
Brazil	0800-124-421(Demais cidades e regiões) 4004-0000(Capitais e grandes centros)	www.samsung.com.br
Chile	800-SAMSUNG (726-7864)	www.samsung.com.cl
Bolivia	800-10-7260	www.samsung.com
Colombia	01 8000 112 112 Bogotá 600 12 72	www.samsung.com/co
Costa Rica	0-800-507-7267	www.samsung.com/latin (Spanish) www.samsung.com/latin _en (English)
Dominica	1-800-751-2676	www.samsung.com/latin (Spanish) www.samsung.com/latin _en (English)
Ecuador	1-800-10-7267	www.samsung.com/latin (Spanish) www.samsung.com/latin _en (English)
El Salvador	800-6225	www.samsung.com/latin (Spanish) www.samsung.com/latin _en (English)
Guatemala	1-800-299-0013	www.samsung.com/latin (Spanish) www.samsung.com/latin _en (English)
Honduras	800-27919267	www.samsung.com/latin (Spanish) www.samsung.com/latin _en (English)
Jamaica	1-800-234-7267	www.samsung.com
Nicaragua	001-800-5077267	www.samsung.com/latin (Spanish) www.samsung.com/latin _en (English)
Panama	800-7267	www.samsung.com/latin (Spanish) www.samsung.com/latin _en (English)
Peru	0-800-777-08	www.samsung.com/pe
Puerto Rico	1-800-682-3180	www.samsung.com
Trinidad & Tobago	1-800-SAMSUNG (726-7864)	www.samsung.com
Venezuela	0-800-100-5303	www.samsung.com/ve
▪ Europe		
Albania	42 27 5755	-
Austria	0810 - SAMSUNG (7267864, € 0.07/min)	www.samsung.com
Belgium	02-201-24-18	www.samsung.com/be (Dutch) www.samsung.com/be_fr (French)
Bosnia	05 133 1999	-
Bulgaria	07001 33 11	www.samsung.com
Croatia	062 SAMSUNG (062 726 7864)	www.samsung.com
Czech	800-SAMSUNG (800-726786) Samsung Zrt., česká organizační složka, Oasis Florenc, Sokolovská394/17, 180 00, Praha 8	www.samsung.com
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Finland	030 - 6227 515	www.samsung.com
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Netherlands	0900-SAMSUNG (0900-7267864) (€ 0,10/Min)	www.samsung.com
Norway	815-56 480	www.samsung.com
Poland	0 8011SAMSUNG (172678) / 022-607-93-33	www.samsung.com
Portugal	80820-SAMSUNG (726-7864)	www.samsung.com

Area	Contact Centre ☎	Web Site
Rumania	1. 08010 SAMSUNG (72678) - doar din reţeaua Romtelecom, tarif local 2. 021.206.01.10 - din orice reţea, tarif normal	www.samsung.com
Serbia	0700 Samsung (0700 726 7864)	www.samsung.com
Slovakia	0800-SAMSUNG (726-7864)	www.samsung.com
Spain	902-1-SAMSUNG (902 172 678)	www.samsung.com
Sweden	0771 726 7864 (SAMSUNG)	www.samsung.com
Switzerland	0848-SAMSUNG (7267864, CHF 0.08/min)	www.samsung.com/ch www.samsung.com/ch_fr/ (French)
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Armenia	0-800-05-555	-
Azerbaijan	088-55-55-555	-
Kazakhstan	8-10-800-500-55-500 (GSM: 7799)	www.samsung.com
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Moldova	00-800-500-55-500	-
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India	3030 8282 / 1800 110011 / 1800 3000 8282 / 1800 266 8282	www.samsung.com
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